

# Converting Colors

Hex(653403)

Have a look what the booklet for  
Hex(653403) contains.

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**Color**

**Hex(653403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	653403
RGB	101, 52, 3
RGB Percent	40%, 20%, 1%
CMY	0.6039, 0.7961, 0.9882
CMYK	0.00, 0.49, 0.97, 0.60
HSL	30°, 94%, 20%
HSV	30°, 97%, 40%
XYZ	6.6113, 5.2293, 0.7470
YIQ	61.0650, 44.9330, -4.8510

# Conversions

## Conversions Part 2

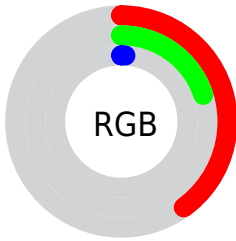
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 101, 3
Decimal	6632451
CIE Lab	27.38, 18.65, 36.52
CIE LCh	27, 41.007, 62.941
Yxy	5.2293, 0.5252, 0.4154
Android (android.graphics.Color)	4284822531 (0xFF653403)
YUV	61.0650, -28.6260, 35.0230
Hunter-Lab	22.8676, 11.5880, 14.0704

# Details

The Hex color **653403** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **033465**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9D6333**, and **300900** is the 20% darker color. If you saturate the color by 10%, you get **653300**, and if you desaturate by 10%, it is **65390D**.

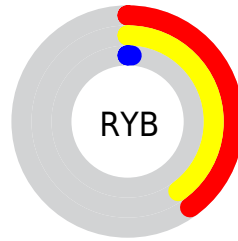
# Distribution



Red (40%)

Green (20%)

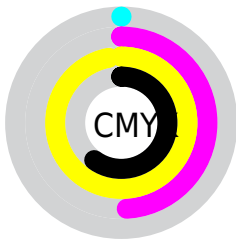
Blue (1%)



Red (40%)

Yellow (40%)

Blue (1%)

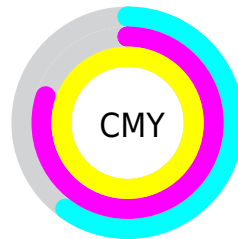


Cyan (0%)

Magenta (49%)

Yellow (97%)

Black (60%)



Cyan (60%)

Magenta (80%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653403 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 653403 by changing the saturation by 10% instead.



 653403

 653403

 FFFFEA

 4A1E00

 9D6333

 300900

 B97C4A

 110000

 D79663

 000000

 F4B17C

 FFCC97

 FFE9B2

 FFFFCD

 653403

 653403

■ 653300

■ 65390D

■ 653E17

■ 654321

■ 65482B

■ 654D36

■ 655240

■ 65574A

■ 655C54

■ 65615E

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



752620



653403



4C4000

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



653403



004F43



443776

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



653403



033465

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004480



653403



004E62

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



653403



004D22



004B79



68275E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



653403



384600



004B79



2F3C7B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



653403



826F5C



650334



42372B



C2C2C2



424242



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



653403



824100



656503



33302E



733900



F27900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



033465



004182



030365



2E3033



003973

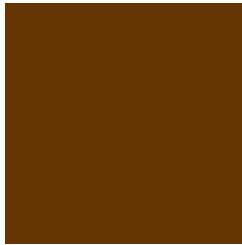


0079F2



# Previews

## White Background



This preview shows how the Hex color 653403 looks on a white background.

## Color Contrast Check

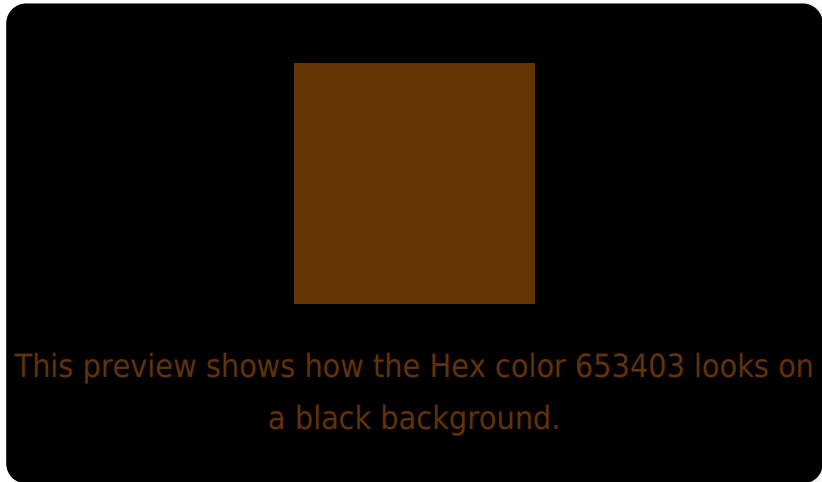
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

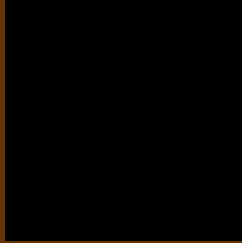
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 653403 Background



This preview shows how black text looks on a background with the Hex color 653403.



This preview shows how white text looks on a background with the Hex color 653403.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
653403

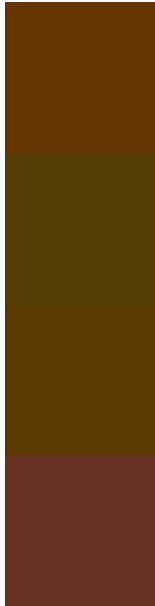
**Protanopia**  
4A4209

**Deuteranopia**  
533E00



**Tritanopia**  
673034

# Trichromacy



**Original Color**  
653403

**Protanomaly**  
543D07

**Deuteranomaly**  
5A3A01

**Tritanomaly**  
663122

# Monochromacy



**Original Color**  
653403

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4C3A28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653403 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #653403 looks like.

```
.text, #text, p{  
    color:#653403  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #653403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653403
}
```

## Border

The CSS property to change the border of an element to Hex 653403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

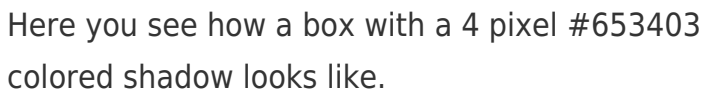
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653403 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#653403 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #653403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653403; -webkit-box-shadow:4px 4px  
4px 4px #653403; box-shadow:4px 4px 4px  
4px #653403 }
```

# Background

The CSS property to change the background color of an element to Hex 653403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653403 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#653403 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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